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(54) Title: CATALYTICALLY ACTIVE AMORPHOUS POROUS SOLID AND PROCESS FOR ITS PREPARATION

(57) Abstract: Amorphous porous solid of an acidic nature, with a controlled pore size, essentially consisting of a mixed oxide of silicon, aluminum and phosphorous, having a surface area of at least 200 m<sup>2</sup>/g, which can be used as a catalyst or active carrier of a catalyst for various industrial processes, such as, for example, alkylation, isomerization, hydro-dehydrogenation processes, with an improved activity and selectivity with respect to the traditional amorphous silica-alumina gels.

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